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Received SEC

NASDAQ
THE NASDAQ OMX GROUP

OCT 09 2012

Washington, DC 20549

Gary Sundick
Vice President
Listing Qualifications

By Electronic Mail

October 9, 2012

CERTINAS

001-35663

Mr. Jeffrey Thomas
Chief, IT Services
Division of Corporation Finance
U.S. Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

Dear Mr. Thomas:

This is to certify that on September 24, 2012 The Nasdaq Stock Market (the "Exchange") received from Kythera Biopharmaceuticals, Inc. (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following security:

Common Stock, par value \$0.00001 per share

We further certify that the security described above has been approved by the Exchange for listing and registration upon official notice of issuance.

We understand that the Registrant is seeking effectiveness of the Form 8-A 12(b) concurrently with effectiveness of its 1933 Act Registration Statement, and we hereby join in such request.

Sincerely,

Gary N. Sundick